



International Journal of Polymer Science

Special Issue on
**Multifunctional Polymers on Theranostics and
Translational Medicine**

CALL FOR PAPERS

Ever-growing developments and innovations of polymer materials influence our life and change the lifestyle nowadays. In particular, cutting-edge multifunctional polymers for bioimaging and theranostics are playing a central and important role in targeting diagnostics, therapy and imaging-guided surgery, and so forth and thus serve the translational applications. Moreover, micro-/nanosized functional polymers have great advantages in fabricating biocompatible, structure-modified, biomarker-specific vesicles in controllable drug delivery and release, which matches the requirement of individualized and precision medicine. For these purposes, the editors are pleased to launch this new special issue to the interdisciplinary community.

We cordially invite investigators to contribute reviews and original research articles describing recent breakthroughs in the fields of polymer development, functional polymeric micro-/nanomaterials, biological engineering, and translational medicine based on polymer sciences. It is believed that this special issue will open a new door and afford better understanding to robust progresses of polymer innovations and relevant biomedical applications.

Potential topics include, but are not limited to:

- ▶ Developments of novel polymer-based theranostic biomaterials
- ▶ Advanced polymeric micro-/nanomaterials in biomedical frontier
- ▶ Discussions on physicochemical, pharmaceutical, and physiological behaviors of multifunctional polymers
- ▶ Biomedical applications of multifunctional polymers especially on bioimaging, targeting diagnosis and therapy
- ▶ Recent advances of multifunctional polymers for preclinical and/or clinical trials and current challenges
- ▶ Polymer-directed findings serving individualized and precision medicine

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/ijps/mptm/>.

Lead Guest Editor

Zhe Liu, Wenzhou Institute of Biomaterials and Engineering (WIBE), Wenzhou, China
liuzhe@wibe.ac.cn

Guest Editors

Yuanhui Song, Tohoku University, Sendai, Japan
songyh@med.tohoku.ac.jp

Tim Hughes, CSIRO Manufacturing Flagship, Clayton South, Australia
tim.hughes@csiro.au

Manuscript Due

Friday, 3 June 2016

First Round of Reviews

Friday, 26 August 2016

Publication Date

Friday, 21 October 2016